



# BEARING CORP.OF AMERICA

## TYPE TS



## Timken EE126097 126149D Tapered roller bearing

Bearing No. EE126097

EE126097 Bearing 2D drawings and 3D CAD models

Series	126000
Cone Part Number	EE126097
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	355000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	92100 lbf
d	9.6250 in
B - Cone Width	3.0000 in
R - Cone Backface To Clear Radius <sup>3</sup>	0.25 in
da - Cone Frontface Backing Diameter	10.47 in
db - Cone Backface Backing Diameter	10.83 in
Ab - Cage-Cone Frontface Clearance	0.13 in
Aa - Cage-Cone Backface Clearance	0.49 in
a - Effective Center Location <sup>4</sup>	0.38 in
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	52900 lbf
C1 - Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	204000 lbf



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C0 - Static Radial Rating	381000 lbf
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	46800 lbf
K - Factor <sup>8</sup>	1.13
G1 - Heat Generation Factor (Roller-Raceway)	1320
G2 - Heat Generation Factor (Rib-Roller End)	169
Cg - Geometry Factor	0.164